REMARKS/ARGUMENTS

Upon entry of the instant amendment, claims 1-5 and 7-10 are pending. Claim 6 has been canceled. Claim 1 has been amended to more particularly point out the Applicants' invention. Claims 7-10 have been added. It is respectfully submitted that upon entry of the instant amendment and consideration of the remarks below, the application is in condition for allowance. Each of the rejections is addressed separately below.
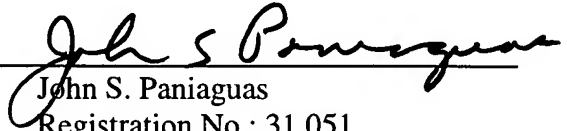
Claim 1 was previously rejected in an Official Action in the parent case, Application No. 09/944,943, filed on August 31, 2001. In particular, claim 1 was rejected as being anticipated under 35 U.S.C. § 102(e) as being anticipated by Boyd et al. U.S. Patent No. 6,337,916. Furthermore, in the Notice of Allowability in the parent case, the Examiner's Amendment indicated that Laumeyer et al. U.S. Patent No. 6,625,315 read on claim 5.

With respect to claim 1, in order for there to be anticipation, each and every one of the element of the claims must be found in a single reference. It is respectfully submitted that claim 1 includes elements clearly not disclosed or suggested by the Boyd et al. patent. In particular, claim 1 recites *inter alia* a video linking system that generates one or more link video files which identify the pixel objects by frame number and location within the file providing one or more links to data for each pixel object. It is respectfully submitted that the Boyd et al. patent not only does not disclose such an element but actually teaches away from it. In particular, the Boyd et al. patent relates to a image processing system in which the correction data is embedded into the video source material. The Examiner is respectfully directed to the Boyd et al. patent, for example col. 3, lines 11 et. seq., as well as FIG. 2. The invention recited in the claim at issue, on the other hand, relates to a system for automatic authoring specific characteristics in a sequence of video frames in which the resulting data is contained in a separate file (i.e., linked video file) and thus not embedded into the original video source. For all of the above reasons, it is respectfully submitted that claim 1 and dependent claims thereupon define patentable subject matter over the Boyd et al. patent.

The Laumeyer patent relates to a system for identifying objects in a video stream. It does not relate to an automatic authoring system which includes a video capture system for capturing a frame and allowing a user to select an object in the captured frame and automatically identifying the captured object and other frames in the sequence of video frames. Thus it is respectfully submitted that the current claims also identify patentable subject matter over the Laumeyer patent.

Respectfully submitted,

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